

CLAIMS

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- 1 1. A method of providing a notification of a received message in an
2 electronic device, the method comprising the steps of:
3 detecting motion of the electronic device;
4 determining a mode of the electronic device upon detecting a motion of
5 the electronic device; and
6 executing an alert if it is determined that said mode determined in the
7 step of determining is a sleep mode.
- 1 2. The method as claimed in claim 1, further comprising the step of
2 activating a motion sensor for monitoring the motion of the electronic
3 device, prior to the step of detecting motion of the electronic device.
- 1 3. The method as claimed in claim 2, further comprising the step of
2 receiving, in the electronic device, the message, prior to the step of
3 activating a motion sensor.
- 1 4. The method as claimed in claim 2, further comprising the step of
2 determining the mode of the electronic device, after the step of
3 receiving the message.
- 1 5. The method as claimed in claim 3, further comprising the step of
2 executing an first alert if determined that the mobile terminal is in the
3 first mode, after the step of determining the mode of the electronic
4 device and prior to the step of activating said motion sensor.
- 1 6. The method as claimed in claim 5, wherein the step of executing the
2 first alert comprises a step of executing a standard alert selected by the
3 user of the electronic device.
- 1 7. The method as claimed in claim 6, wherein the step of executing a
2 standard alert comprises a step of executing a vibrate type alert.

1 9. The method as claimed in claim 6, wherein the step of executing a
2 standard alert comprises a step of executing a visual type alert.

1 11. The method as claimed in claim 10, further comprises the step of
2 selecting said second alert from said list of alerts, prior to executing
3 said second alert.

1 13. The method as claimed in claim 10, wherein the step of executing said
2 second alert comprises step of executing said second alert consuming
3 least amount of battery power.

1 15. The method as claimed in claim 1, wherein the step of executing said
2 alert comprises a step of executing a set of alerts.

1 17. The method as claimed in claim 16, wherein the step of executing said
2 plurality of same type alerts comprises a step executing each said
3 same type alert with varying strength and duration.

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1 21. A electronic device for receiving a message, the electronic device
2 comprising:

1 24. The electronic device as claimed in claim 22, wherein said processor
2 determines the mode of the electronic device, after said processor
3 receives the message.

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- 1 25. The electronic device as claimed in claim 23, wherein said processor
2 executes a first alert if said processor determines that the electronic
3 device is in the first mode, after said processor determines the mode of
4 the electronic device and before said processor activating said motion
5 sensor.
- 1 26. The electronic device as claimed in claim 25, wherein said first alert
2 comprises a standard alert selected by the user of the electronic
3 device.
- 1 27. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises a vibrate type alert.
- 1 28. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises an audible type alert.
- 1 29. The electronic device as claimed in claim 26, wherein said standard
2 alert comprises a step of executing a visual type alert.
- 1 30. The electronic device as claimed in claim 23, wherein said processor
2 executes a second alert if said processor determines that the electronic
3 device is in said second mode, after said processor determines said
4 mode of the electronic device and before said processor activates said
5 motion sensor.
- 1 31. The electronic device as claimed in claim 30, wherein said second alert
2 comprises a list of alerts.
- 1 32. The electronic device as claimed in claim 31, wherein said list of alerts
2 comprises at least one efficient alert, wherein said efficient alert
3 consumes the least amount of battery power.

1 33. The electronic device as claimed in claim 30, wherein said processor
2 executes said second alert that consumes the least amount of battery
3 power.

1 34. The electronic device as claimed in claim 21, wherein said processor
2 sets the mode of the electronic, before said processor determines said
3 mode of the electronic device.

1 35. The electronic device as claimed in claim 21, wherein said alert
2 comprises a set of alerts.

1 36. The electronic device as claimed in claim 36, wherein said set of alerts
2 comprises a plurality of same type alerts.

1 37. The electronic device as claimed in claim 36, wherein said processor
2 executes each said plurality of same type alerts with varying strength
3 and duration.

1 38. The electronic device as claimed in claim 35, wherein said set of alerts
2 comprises a plurality of audible type alerts.

1 39. The electronic device as claimed in claim 35, wherein said set of alerts
2 comprises a plurality of visual type alerts.

1 40. The electronic device as claimed in claim 35, wherein said set of alerts
2 comprises a plurality of vibrate type alerts.